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USSR

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3rd REISSUE

HEAD'S MATERIAL: PLACES WHERE WORK ON ENORMOUS IS BEING CARRIED OUT
(1945)

From: NEW YORK

To: MOSCOW

No.: 299

26th May 1945

To VIKTOR[i]

Reference your No. 3367[a].

"VLAD's"[ii] material contains:

(a) A list of places where work on ENORMOUS[ENORMOUS][iii] is being carried out:

1. HANFORD[HEMPFORD], State of WASHINGTON, production of 49[iv].

[Continued overleaf]

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2. State of NEW JERSEY, production of 25[v] by the diffusion method. Director UREY[UREY][vi].
3. BERKELEY, State of CALIFORNIA, production of 25 by the electromagnetic method. Director LAWRENCE[LAURENS][vii].
4. "NOVOSTROU"[viii], administrative centre for ENORMOUS; also production of 25 by the spectrographic method. Director COMPTON[ix].
5. CHICAGO, ARGONNE[ARGONSKIJ] Laboratories - nuclear research. At present work there has almost ceased. Director COMPTON.
6. "The RESERVATION[ZAPOVEDNIK]"[x], the main practical research work on ENORMOUS. Director "VENSEL"[xi].
7. Camp [2 groups unrecovered] base in the area of CARLSBAD, State of NEW MEXICO, the place for the practical testing of the ENORMOUS bomb.
8. MONTREAL, CANADA - theoretical research.

(b) A brief description of the four methods of production of 25 - the diffusion, thermal diffusion, electromagnetic and spectrographic methods.

The material has not been fully worked over. We shall let you know the contents of the rest later.

No. 492
26th May 1945

ANTON[xii]

Comments:

Note: [a] Not available.

Comments: [i] VIKTOR:

Lt. Gen. P.M. FITIN.

[ii] HLAD:

i.e. "YOUNG"; [Theodore Alvin HALL, a physicist employed at LOS ALAMOS Laboratory.]

[iii] ENORMOUS:

Manhattan Engineer District (U.S. Atomic Energy Project).

[iv] 49:

The symbol used by the Atomic Energy Commission to indicate plutonium.

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Comments

[Cont'd]: [v] 25:

The symbol used by the Atomic Energy Commission to indicate uranium.

[vi] UREY:

Professor Harold Clayton UREY.

[vii] LAWRENCE:

Professor Ernest Orlando LAWRENCE.

[viii] NOVOSTROJ:

i.e., "NEW CONSTRUCTION"; possibly OAK RIDGE, TENN.

[ix] COMPTON:

Professor Arthur Holly COMPTON.

[x] The RESERVATION:

Possibly LOS ALAMOS Laboratory.

[xi] VEXSEL':

i.e., "BILL OF EXCHANGE"; possibly Julius Robert OPPENHEIMER.

[xii] ANTON:

Leonid Rodenovich KVASNIKOV.

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